



June 5, 2008

**CENTER FOR VETERINARY BIOLOGICS NOTICE No 08-08**

**United States  
Department of  
Agriculture**

Animal and Plant  
Health Inspection  
Service

Veterinary Services

Center for Veterinary  
Biologics

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**Subject:** Availability of Bovine Viral Diarrhea Challenge Virus

**To:** Veterinary Services Management Team (VSMT)  
Directors, Center for Veterinary Biologics  
Biologics Licensees, Permittees, and Applicants

**I. PURPOSE**

The purpose of this notice is to provide information regarding the availability of a new Bovine Viral Diarrhea (BVD) Challenge Virus, provided by the Center for Veterinary Biologics (CVB).

**II. BACKGROUND**

The new Challenge Virus contains BVD Type 1, CA0401186A Strain, to be used in immunogenicity studies, as per Title 9, Code of Federal Regulations Part 113.311(c)(4). The efficacy of this strain as a challenge virus was demonstrated in a vaccination-challenge study [Ridpath, J.F., Neill, J.D., Peterhans, E. 2007. Impact of variation in acute virulence of BVDV1 strains on design of better vaccine efficacy challenge models. Vaccine 25 (47) 8058-66].

**III. ACTION**

Procedures for obtaining the new challenge seed culture are described in Veterinary Services Memorandum No. 800.97, Section VI. Specific information regarding production methods are provided by the CVB in all reagent shipments.

/s/ Byron E. Rippke for

Richard E. Hill, Jr.  
Director  
Center for Veterinary Biologics



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